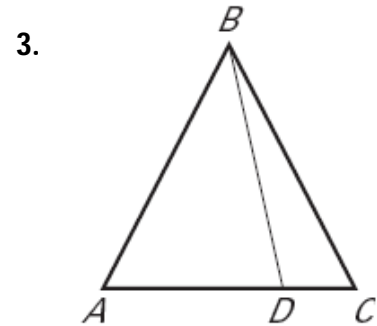
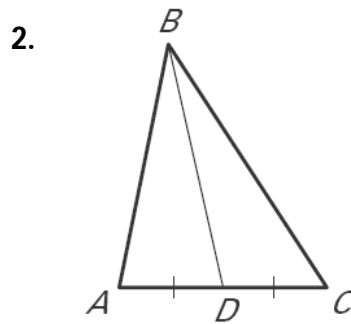
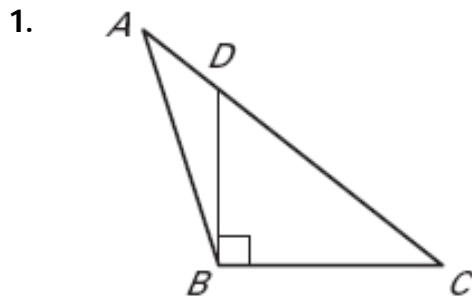


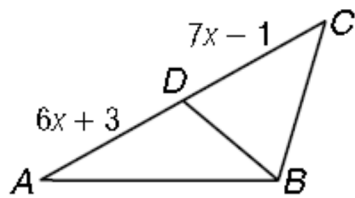
TARGETS 5D & 5E

Name _____ Date _____

Is \overline{BD} a median? an altitude? or neither?

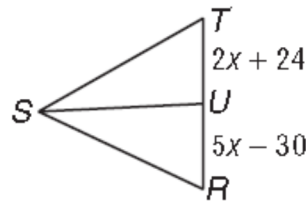


4. Find x

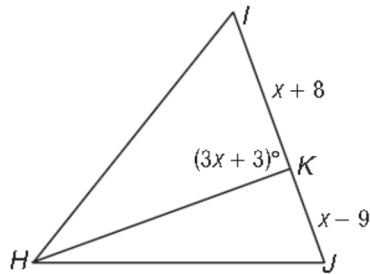


\overline{BD} is a median.

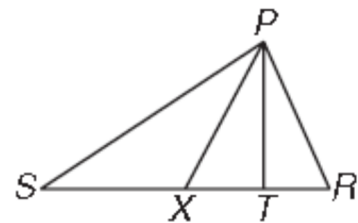
5. Find x and RT if \overline{SU} is a median of $\triangle RST$.



6. Find x and IJ if \overline{HK} is an altitude of $\triangle HIJ$.



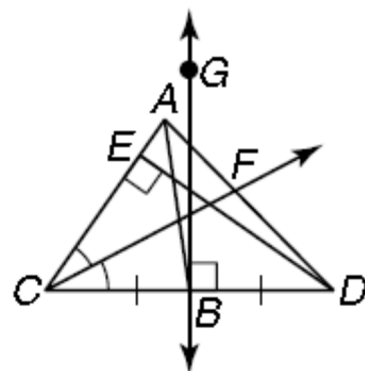
7. If \overline{PT} is an altitude and $m\angle PTR = 8x - 6$, find x .



Use the picture at the right for numbers 8 & 9.

8. Give an example of a median.

9. Give an example of an altitude.



TARGETS 5D & 5E ANSWERS

1. altitude
2. median
3. neither
4. 4
5. $x = 18$; $RT = 120$
6. $x = 29$; $IJ = 57$
7. 12
8. \overline{AB}
9. \overline{DE}